

Fig. 1

Title: COMPOUNDS AND METHODS FOR CANCER THERAPY

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US Docket No. 100086.401C12

EWVMPPIFVPENGKGPFPQRLNQLKSNKDRGTKIFYSITGPGADSPPEGVFTIEKESGWLLLHMPLDREK DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERETGWLKVTEPLDRER DWVIPPISCPENEKGEFPKNLVQIKSNRDKETKVFYSITGQGADKPPVGVFIIERETGWLKVTQPLDREA DWVVAPISVPENGKGPFPQRLNQLKSNKDRDTKIFYSITGPGADSPPEGVFAVEKETGWLLLNKPLDREE DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFILNPISGQLSVTKPLDREC DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREI DWVIPPINLPENSRGPFPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKPLDREI

> mouse P-cad human E-cad mouse E-cad

human P-cad

cow N-cad

mouse N-cad

human N-cad

IARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF IARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF IARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEF IAKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPKF IVKYELYGHAVSENGASVEEPMNISIIVTDQNDNKPKF IATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEF IAKYILYSHAVSSNGRAVEDPMEILITVTDQNDNKPEF

> mouse P-cad human E-cad

mouse

human P-cad

cow N-cad

mouse N-cad

Fig. 2

THE STREET STREE

$$N-Ac-CHGVC-NH_2$$

H-CHAVC-NH2

N-Ac-KHGVD-NH2

N-Ac-DHGVK-NH2

N-Ac-KHAVE-NH2

N-Ac-CVGHC-NH2

H-KHAVD-NH2

N-Ac-CHAVDC-NH2

H-KHGVD-NH2

N-Ac-CHGVDC-NH2

 $N-Ac-CAHGVC-NH_2$

Fig. 3C

N-Ac-CAHAVDIC-NH2

N-Ac-CAHAVDC-NH2

N-Ac-<u>CRAHAVDC</u>-NH₂

N-Ac-CAHGVDIC-NH2

N-Ac-CAHGVDC-NH2

N-Ac-CRAHGVDC-NH2

Fig. 3D

N-Ac-CLRAHAVC-NH2

N-Ac-CLRAHGVC-NH2

N-Ac-CLRAHAVDC-NH2

N-Ac-CLRAHGVDC-NH2

<u>AHAVDI</u>

H-KHAVD-NH2

AHGVDI

H-KHGVD-NH2

H-CAHGVDC-NH2

Fig. 3F

N-Ac-CSHAVC-NH2

H-CAHGVDIC-NH2

N-Ac-CSHGVC-NH2

N-Ac-<u>CHGVSC</u>-NH₂

Fig. 3G

N-Ac-CSHAVSSC-NH2

N-Ac-<u>CHAVSSC</u>-NH₂

N-Ac-CSHGVSC-NH2

N-Ac-CSHGVSSC-NH2

N-Ac-CHGVSSC-NH2

Fig. 3H

SHGVSS

N-Ac-KSHGVSSD-NH2

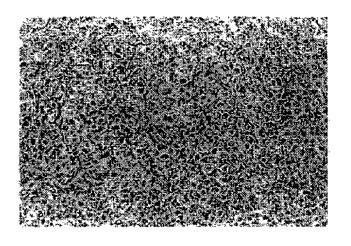


Fig. 4A

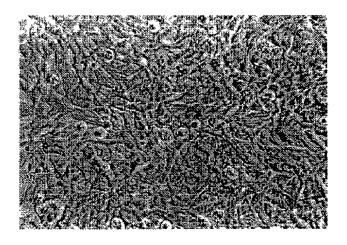


Fig. 4B

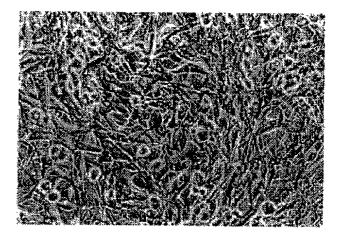


Fig. 4C

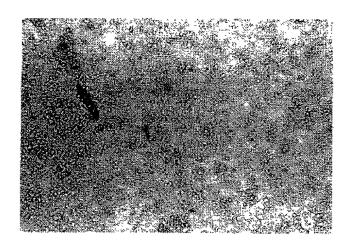


Fig. 4D

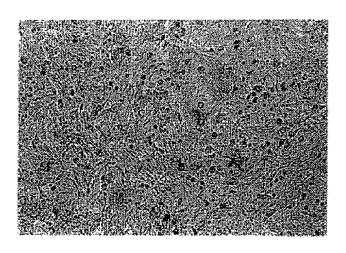


Fig. 4E

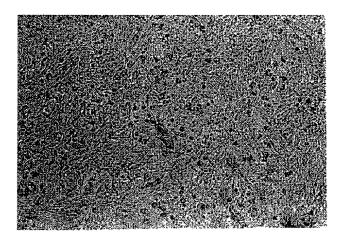


Fig. 4F

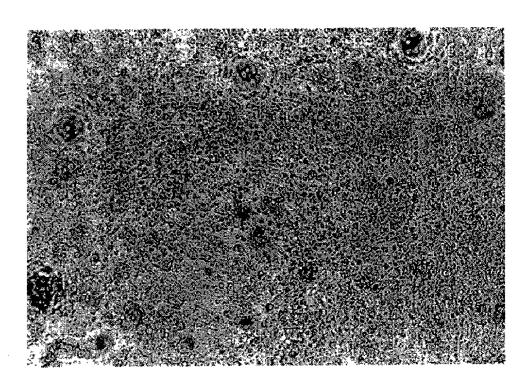


Fig. 5A

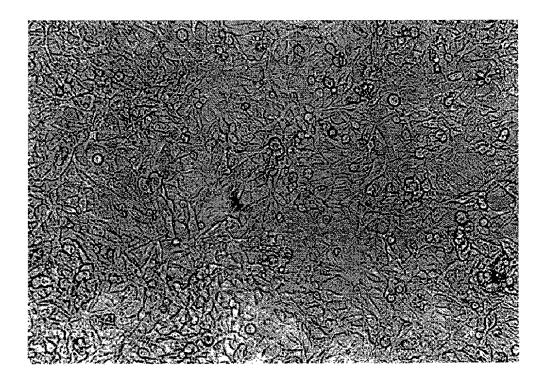


Fig. 5B

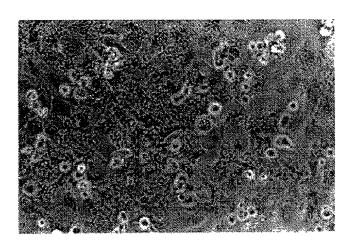


Fig. 6A

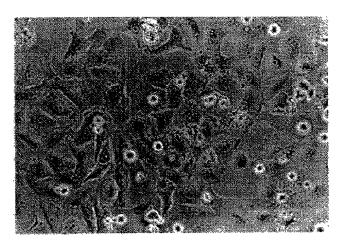


Fig. 6B

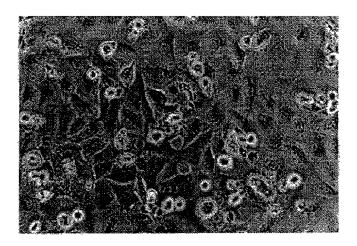


Fig. 6C



Fig. 7A

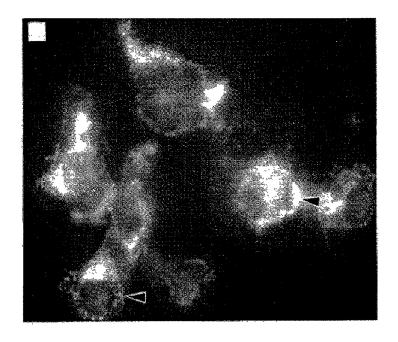


Fig. 7B

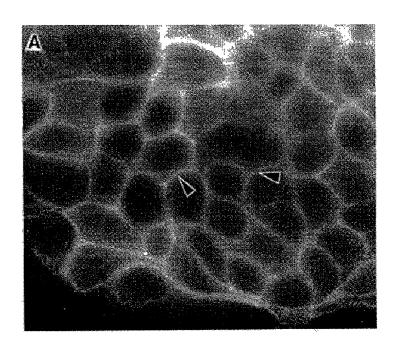


Fig. 8A

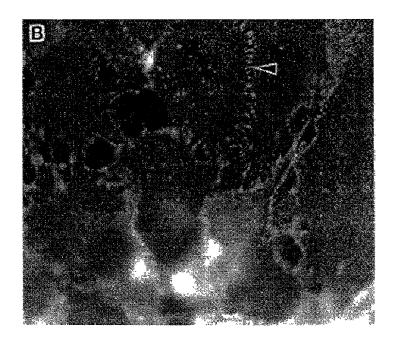


Fig. 8B

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US

Docket No. 100086.401C12

CHRONIC TOXICITY ON THE EXTERNAL COMPOUND #2

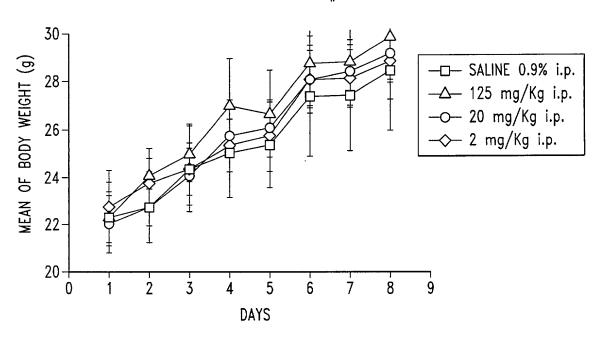


Fig. 9

STABILITY IN MOUSE WHOLE BLOODS FOR CANCER (2)

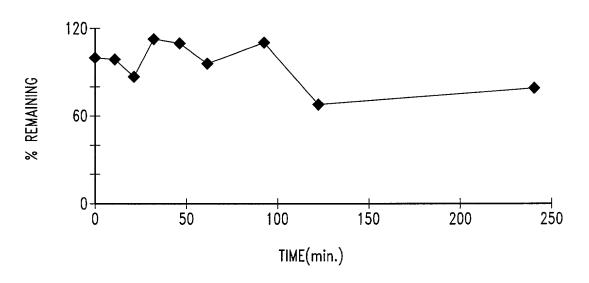


Fig. 10

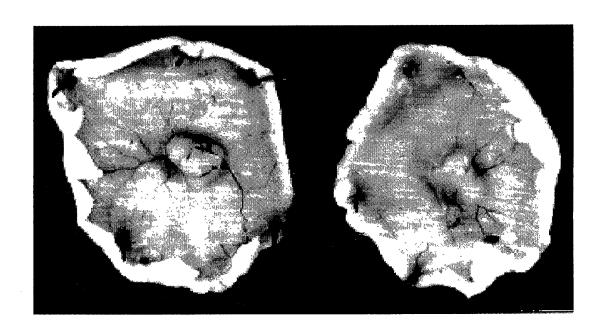


Fig. 11A

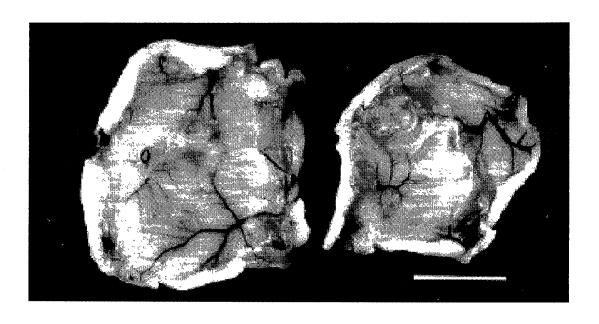


Fig. 11B

Inventor(s): Orest W. Blaschuk et al. Express Mail No. EV020613563US

Docket No. 100086.401C12



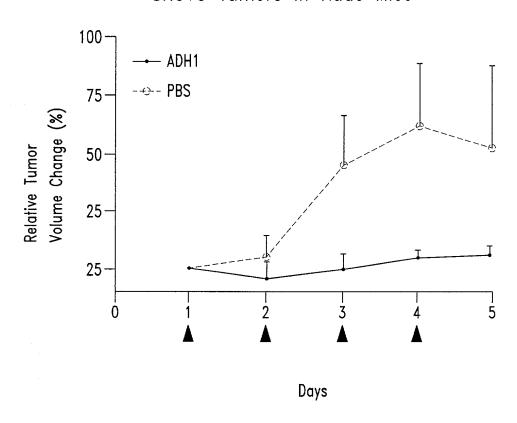


Fig. 12

ADH1 (2mg/kg) killed after 5 days

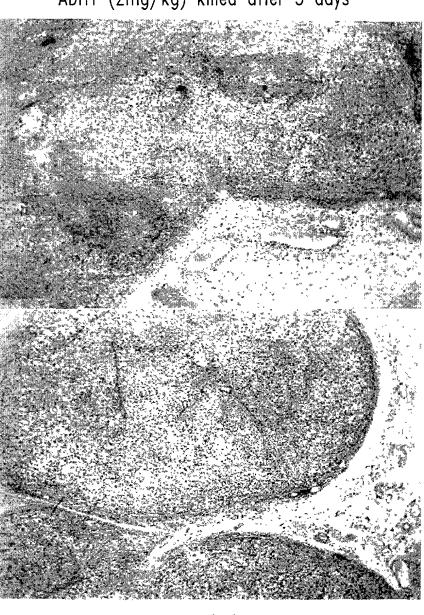


Fig. 13A

Fig. 13B

control

ADH1 (2mg/kg) killed after 5 days

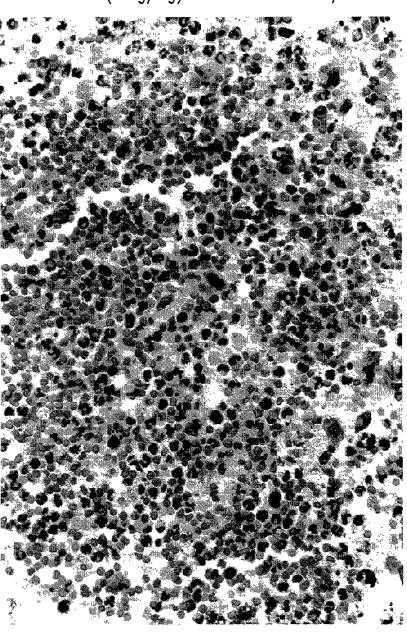


Fig. 14

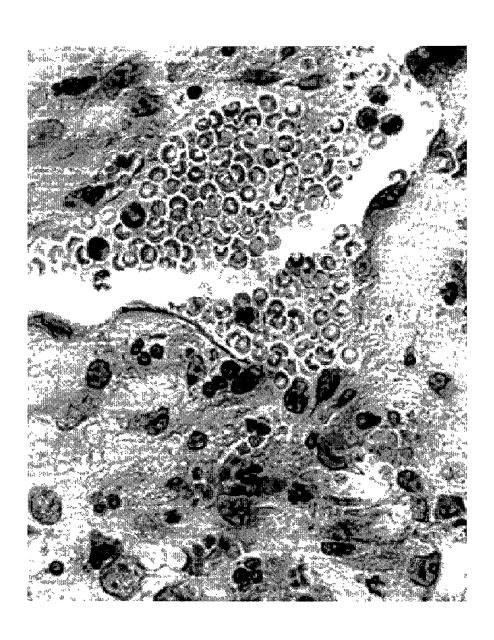


Fig. 15

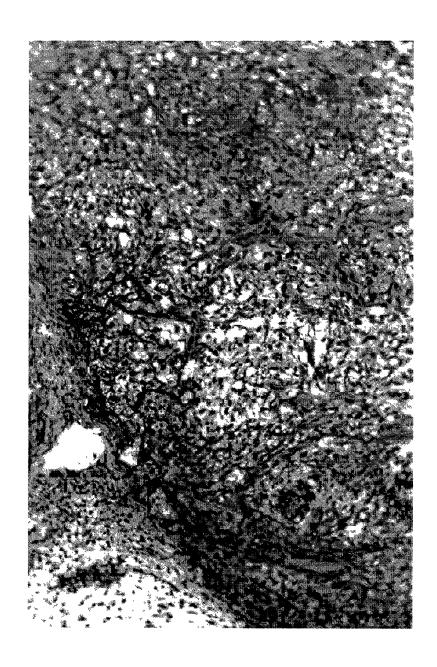


Fig. 16

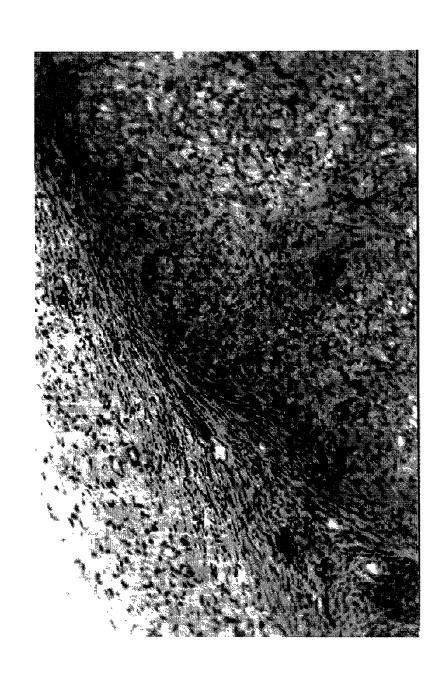
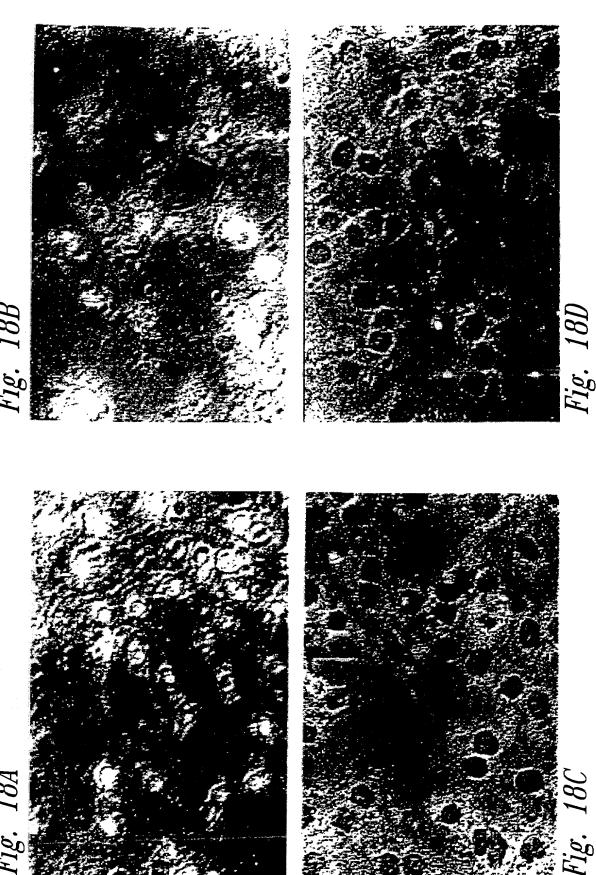


Fig. 17





of find the first that the other is the total that the other is the total with their off the their



